

Converting Colors

HunterLab(65.0580, -36.4938,
12.0869)

Have a look what the booklet for
HunterLab(65.0580, -36.4938,
12.0869) contains.

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Color

**HunterLab(64.9194,
-36.2693, 11.8444)**

Conversions

Conversions Part 1

Format	Color
Hex	50C199
RGB	80, 193, 153
RGB Percent	31%, 76%, 60%
CMY	0.6863, 0.2431, 0.4000
CMYK	0.59, 0.00, 0.21, 0.24
HSL	159°, 48%, 54%
HSV	159°, 59%, 76%
XYZ	28.1280, 42.1453, 36.7893
YIQ	154.6530, -54.5080, -36.3960

Conversions

Conversions Part 2

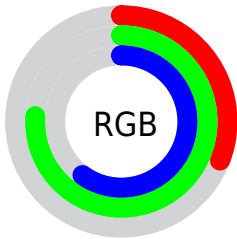
Format	Color
RYB	80, 149, 193
Decimal	5292441
CIELab	70.97, -41.68, 10.65
CIELCh	71, 43.016, 165.664
Yxy	42.1470, 0.2627, 0.3937
Android (android.graphics.Color)	4283482521 (0xFF50C199)
YUV	154.6530, -0.8149, -65.4707
Hunter-Lab	64.9194, -36.2693, 11.8444

Details

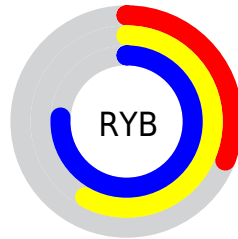
The HunterLab color **64.9194, -36.2693, 11.8444** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **42.9323, 42.3340, 2.6541**, and the grayscale version is **57.1312, -3.0484, 3.1040**.

A 20% lighter version of the original color is **88.5241, -41.8061, 14.2793**, and **44.0733, -30.0223, 9.7218** is the 20% darker color. If you saturate the color by 10%, you get **64.1909, -39.5379, 13.6802**, and if you desaturate by 10%, it is **65.8357, -32.3008, 10.1197**.

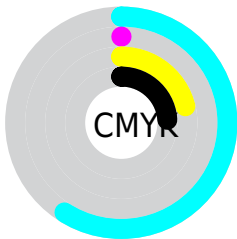
Distribution



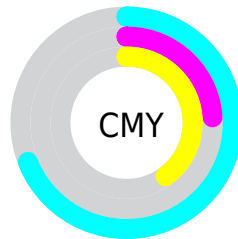
- Red (31%)
- Green (76%)
- Blue (60%)



- Red (31%)
- Yellow (58%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9194, -36.2693, 11.8444 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.9194, -36.2693, 11.8444 by changing the saturation by 10% instead.

■ 64.9194, -36.2693,
11.8444

■ 64.9194, -36.2693,
11.8444

188.4388,
-59.6553, 22.5569

■ 54.0522, -33.2863,
10.6875

■ 88.5562, -41.8989,
14.1637

■ 43.8686, -30.1488,
9.5240

■ 101.2597,
-44.5861, 15.3314

■ 34.4197, -26.8098,
8.3462

■ 114.5185,
-47.2082, 16.5076

■ 25.7676, -23.1972,
7.1404

■ 128.3102,
-49.7761, 17.6938

■ 17.9939, -19.1946,
5.8835

142.6151,
-52.2983, 18.8911

■ 11.2121, -17.4381,
4.7923

157.4153,

■ 3.2806, -5.7410,

-54.7819, 20.1004

2.2964

172.6947,
-57.2326, 21.3221

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.9194, -36.2693,
11.8444

■ 64.9194, -36.2693,
11.8444

■ 64.1909, -39.5379,
13.6802

■ 65.8357, -32.3008,
10.1197

■ 63.6357, -42.1172,
15.5962

■ 66.9425, -27.6405,
8.5290

■ 63.2400, -44.0476,
17.5605

■ 68.2444, -22.3177,
7.0934

■ 62.9741, -45.4348,
19.5292

■ 69.7416, -16.3752,
5.8284

■ 62.9396, -45.6184,

■ 71.4320, -9.8659,

19.8080

4.7451

■ 73.3116, -2.8487,
3.8495

■ 75.3746, 4.6155,
3.1435

■ 77.6144, 12.4659,
2.6257

■ 80.0231, 20.6452,
2.2914

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.9207, -28.4221, 24.0247



64.9194, -36.2693, 11.8444



64.9207, -36.0900, -6.9784

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.9207, -36.2699, 11.8451



64.9207, 7.0902, -41.6704



64.9207, 25.2120, 24.4005

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.9194, -36.2693, 11.8444



42.9323, 42.3340, 2.6541

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9207, 37.2221, 12.5374



64.9194, -36.2693, 11.8444



64.9207, 25.9387, -27.0639

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9207, -36.2699, 11.8451



64.9207, -12.5913, -42.0234



64.9207, 37.5029, -6.0461



64.9207, 6.1898, 29.6663

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9194, -36.2693, 11.8444



64.9207, -31.4895, -21.2084



64.9207, 37.5029, -6.0461



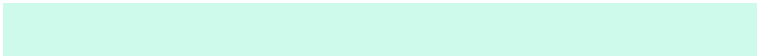
64.9207, 30.2980, 21.2417

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.9207, -36.2699, 11.8451



93.3894, -21.6918, 7.7582



65.4348, -36.8605, 32.7981



42.9700, -11.1691, 3.8112



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9207, -36.2699, 11.8451



85.6933, -53.8778, 18.9525



61.1323, -22.7649, -11.6626



33.7134, -4.9285, 2.2829



51.3445, -37.1095, 15.9327



10.7320, -7.3500, 2.4524

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.9323, 42.3340, 2.6541



52.0929, 67.8657, 6.3959



44.8488, 31.1240, 18.1465



31.8363, 1.5723, 1.3635



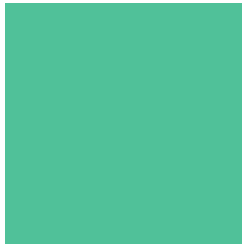
27.9908, 48.9858, 9.9422



5.9305, 10.5930, 0.4468

Previews

White Background



This preview shows how the HunterLab color 64.9194, -36.2693, 11.8444 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.9194, -36.2693, 11.8444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

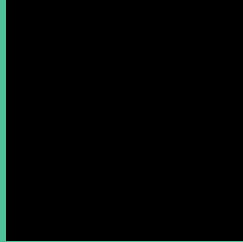
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

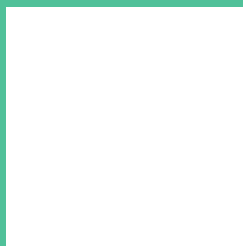
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.9194, -36.2693, 11.8444 Background



This preview shows how black text looks on a background with the HunterLab color 64.9194, -36.2693, 11.8444.



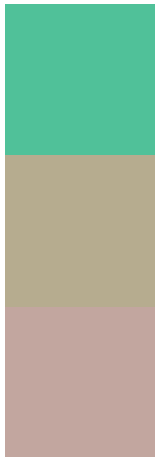
This preview shows how white text looks on a background with the HunterLab color 64.9194,

-36.2693, 11.8444.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.9194, -36.2693, 11.8444

Protanopia

64.3687, -4.4897, 15.6488

Deuteranopia

64.2222, 4.7420, 9.3747



Tritanopia

64.6697, -22.2919, -11.2027

Trichromacy



Original Color

64.9194, -36.2693, 11.8444



Protanomaly

63.8505, -18.7436, 13.3841



Deuteranomaly

63.4486, -13.2786, 9.0567



Tritanomaly

64.8302, -27.9180, -2.0128

Monochromacy



Original Color

64.9194, -36.2693, 11.8444



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

59.4123, -17.0751, 5.8017

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9194, -36.2693, 11.8444 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(80, 193, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 193, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9194, -36.2693, 11.8444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 193, 153) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 193, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 193, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(80, 193,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9194, -36.2693, 11.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 193, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 193,  
153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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